Pyramix Software Menus & Combos

		Broadcast Pack	Music Pack	Mastering Pack (DSD Pack)	Post Pack
Included Software Options	Pyramix LE	1	1	1	1
	Pyramix Virtual Studio Core		1	1	1
	Surround Sound Mixing		1	1	1
	High Sampling Frequency (from 64 to 192kHz)	1	1	1	1
	CD-R Mastering + CD Import	1	1	1	1
	Final Check (Loudness, PPM, True Peak metering)			1	1
	DDP Mastering			1	
	Avanced Audio Codecs Support	1	1	1	1
	Pow-r Redithering			1	
	VCube "Essentials" Video Player				1
	Virtual Transport Server		1	1	1
	Sonic Solutions Import			1	
	Akai DD-Series Compatibility				1
	OpenTL Compatibility				1
	AES31 Compatibility	1	1	1	1
	OMF Interchange (Import only)	1	1	1	1
	AAF Interchange	1	1	1	1
	Apple (Final Cut Pro) XML Import				1
	DSP Dimension DIRAC Time/Pitch Scaling				1
	EQ-X, Extreme Definition Parametric EQ		1	1	1
	Super Audio CD / DSD / DXD Support			1	
	Video / TC Synchronization	1	1	1	1
	Machine Control	1			1
	Remote Control	1	1	1	1
	Remote Control EMC		1		1

For new sales, starting 01.12.2012, Advanced Audio Codecs support is now bundled with all Pyramix V8 Packs

Paket pris ex moms	MT Item Number	MSP-XXX-BROAD	MSP-XXX-MUSIC	MSP-XXX-MASTER	MSP-XXX-POST
	Total Native Pack Value	26 500 kr	40 400 kr	63 000 kr	65 700 kr
	Software Pack Native MSP-NAT-XXXX	4 900 kr	9 900 kr	19 700 kr	21 500 kr
	Software Pack MassCore 48, MSP-048-XXXX	9 300 kr	14 300 kr	24 100 kr	25 900 kr
	Software Pack MassCore 128, MSP-128-XXXX	13 800 kr	18 800 kr	28 600 kr	30 400 kr
	Software Pack MassCore 256, MSP-256-XXXX	18 300 kr	23 200 kr	33 100 kr	34 800 kr

The above software Pack prices do not include any hardware components
(any MSP-XXX-XXX Pack needs separate ordering of a SSK-SUD, unless issued on a Mykerinos card)

Packs

Broadcast Pack
Dedicated to Broadcasters in Radio and TV who mostly edit minimal tracks with limited effects and the need to ingest material from external machines such as a Betacam or a DAT transport. CD-R Mastering is also included.

Music Pack
For musicians and recording studios. 192kHz as standard with CD-R Mastering support and configured for multi-track live record/editing and mixing. This also allows surround mixes to be prepared for DVD authoring.

Mastering Pack
All sample rates now supported up to 384kHz including DSD/DXD support (partial in non-Native Packs). Pow-r Dithering, DDP Support, EQ-X (Mastering EQ) and now Final Check making the Mastering Pack fully configured for all mastering requirements as standard.

Post Pack
Dedicated to Video and Film production and post-production. Professional features such as real-time effects, surround mixing and high sample rates up to 192kHz and CD-R support plus Interchange support for AAF, Apple XML, OpenTL and Akai DD-Series are all included as standard. Now also includes Final Check.

Ovation Software Menus & Combos

		Ovation Silver	Ovation Gold	Ovation Platinum
Packs Included Software Options	Ovation Media Server & Sequencer	1	1	1
	Ovation Gold Option		1	1
	Ovation Platinum Option			1
	Ovation Web Server			1
	Pyramix Native Audio Enabled (Pyramix LE)	*	*	*
	Native Audio Support	*	*	*
	Pyramix Virtual Studio Core		1	1
	Surround Sound Mixing		1	1
	High Sampling Frequency (from 64 to 192kHz)		1	1
	CD-R Mastering + CD Import	1	1	1
	AES31 Compatibility		1	1
	OMF Interchange (Import only)		1	1
	AAF Interchange		1	1
	Avanced Audio Codecs Support	1	1	1
	Ovation Mixer Automation			1
	Video / TC Synchronization		#	#
	Machine Control		1	1
	Remote Control	1	1	1
	Remote Control EMC		1	1
	Remote Control (OASIS Protocol First Class)			1
	GPIO Support	1	1	1
	TCP/IP		TBD	TBD
Paket pris ex moms	**MT Item Number**	MOV-XXX-SILV	MOV-XXX-GOLD	MOV-XXX-PLAT
	Total Native Pack Value	19 000 kr	35 900 kr	44 800 kr
	Ovation Pack Native MOV-NAT-XXXX	6 700 kr	16 100 kr	25 000 kr
	Ovation Pack MassCore 48, MOV-048-XXXX	11 100 kr	20 600 kr	29 500 kr
	Ovation Pack MassCore 128, MOV-128-XXXX	15 600 kr	25 000 kr	34 000 kr
	Ovation Pack MassCore 256, MOV-256-XXXX	20 000 kr	29 500 kr	38 400 kr

* included if no Mykerinos

\# only available with Mykerinos

The above software Pack prices do not include any hardware components (any MOV-NAT-XXX needs separate ordering of a SSK-PCK-OVA)

Packs

Ovation Silver Pack
Entry level of the Ovation range, the Silver pack provides Audio, MIDI and GPIO Cues support. Designed for simple broadcast playout, or as a playout device for projects with a limited scope or budget.

Ovation Gold Pack
The gold pack offers all the tools a live event, theatre performance or installation team may need to provide comprehensive sound design, playback and control for even the most complex show. Support for all the control protocols (MSC/RS-232/RS-422/LTC/TCP-IP/Script-Batch etc is provided, along with a full Pyramix Music Pack for use in sound design and rehearsals.

Ovation Platinum Pack
The Ovation Platinum pack provides all the power of the Ovation mix engine for in-the-box style mixing of all the playout slots as well as live inputs being fed to the Ovation. Perfect for large-scale theatre installations where channel count on the traditional console are being stretched, or for console-free installs where space is at a premium and a traditional console simply would not fit into the space or the budget. For added control, the WebServer option is also included at no extra charge with the Platinum pack.

Software a la Carte

		MT Item Number	Pris ex moms	
Software Options	Pyramix LE *	PMX-LE	Free	
	Pyramix Virtual Studio Core **	PSB-VSC	5 360 kr	
	Surround Sound Mixing	PSO-SSM	3 570 kr	
	High Sampling Frequency (from 64 to 192kHz)	PSO-HSR	3 570 kr	
	CD-R Mastering + CD Import	PSO-CDR	3 570 kr	
	DDP Mastering	PSO-DDP	3 570 kr	
	Pow-r Redithering	PSO-POWR	3 040 kr	
	Avanced Audio Codecs Support	PSO-AAC	3 040 kr	
	DS Video Player	PSO-DSV	Legacy	
	VCube "Essentials" Video Player	PSO-VCP	3 930 kr	
	Advanced Video Support (DV Capture & Playback)	PSO-MAV	Legacy	
	Sonic Solutions Import	PSO-SONIC	2 680 kr	
	Akai DD-Series Compatibility	PSO-AKAI	2 680 kr	
	OpenTL Compatibility	PSO-OTL	2 680 kr	
	AES31 Compatibility	PSO-AES31	2 680 kr	
	OMF Interchange (Import only)	PSO-OMF	2 150 kr	
	AAF Interchange	PSP-AAF	3 570 kr	
	Apple (Final Cut Pro) XML Import	PSO-FCP-XML	3 570 kr	
	Super Audio CD / DSD / DXD Support	PSO-DSD	12 500 kr	
	Super Audio CD Authoring and Disc Builder	PSO-SAA	15 500 kr	
	Cue Sheet Printer	PSO-CSP	4 470 kr	
	ADR Option	PSO-ADR	6 610 kr	
	Final Check (Loudness, PPM, True Peak metering)	PSO-FCHK	5 270 kr	
	Pyramix Native Extended (Unlimited channels)	PSO-NAT-EXT	4 470 kr	
	Video / TC Synchronization	PSO-VTC	2 320 kr	
	Bi-phase Support for USB Sync Interface	VSO-USB-BIP	5 270 kr	
	Machine Control (Sony P2 Protocol)	PSO-MCTR	3 930 kr	
	Remote Control (Sony P2 + Midi Protocol)	PSO-RCTR	2 320 kr	
	Remote Control (Enhanced Midi Protocol)	PSO-RCT-EMC	3 930 kr	
	Remote Control (OASIS Protocol Eco Class)	PSO-OAS-ECO	1 970 kr	
	Remote Control (OASIS Protocol Business Class)	PSO-OAS-BUS	3 930 kr	
	Remote Control (OASIS Protocol First Class)	PSO-OAS-FIR	5 890 kr	
	Mass Core Option, 48 channel at 1FS	PSO-MSC-048	4 470 kr	
	Mass Core Option, 128 channel at 1FS	PSO-MSC-128	8 930 kr	
	Mass Core Option, 256 channel & beyond	PSO-MSC-256+	13 400 kr	
	Mass Core MultiCore Extension	PSO-MSC-SMP	4 470 kr	
	GPIO Support	PSO-GPIO	3 930 kr	
	Virtual Transport Server	PSO-VTSRV	2 320 kr	
	Audio Magic Ring Batch Converter	AMR	730 kr	
Third Party Plug-Ins	Prosoniq MPEX Time/Pitch Scaling	PSP-MTP	3 930 kr	
	DSP Dimension DIRAC Time/Pitch Scaling	PSP-MTD	3 930 kr	
	VB Aphro V1 Reverb	PSP-RVB	3 570 kr	
	EQ-X, Extreme Definition Parametric EQ	PSP-GYEQX	3 040 kr	
	Solera, Dynamic Range Processing	PSP-GYSLR	3 040 kr	
	Alchemist, Multi-Band Dynamic Range Processing ***	PSP-GYALC	5 270 kr	
	Pure Dynamic (Comp, DeComp, Exp, DeExp Suite)	PSP-GYPDN	3 040 kr	
	Mastering Pack (EQ-X, Solera, Alchemist) ***	PSP-GYMPCK	7 140 kr	
	Full Pack (Pure + Mastering Packs) ***	PSP-GYAPCK	9 820 kr	
	Algorithmix DeNoiser	PSP-MADN	14 300 kr	
	Algorithmix DeScratcher	PSP-MADS	11 600 kr	
	Algorithmix DeNoiser + DeScratcher, Restoration Suite	PSP-MADNS	22 400 kr	
	Algorithmix reNOVAtor, high-res audio repair processor	PSP-NOVA	17 900 kr	
	*** Alchemist currently available only as VST			
	Software Security Key, Cedar USB Dongle	SSK-CEDAR	1 820 kr	
	Cedar Manual and Auto Declick for Pyramix	PSP-CDCLK	19 400 kr	
	Cedar Decrackle for Pyramix	PSP-CDCRA	19 400 kr	
	Cedar Dehiss for Pyramix	PSP-CDHIS	19 400 kr	
	Cedar Dethump for Pyramix	PSP-CDTHP	19 400 kr	
	Cedar Retouch for Pyramix	PSP-CRTCH	26 100 kr	
	Dark Matter DAR Import	PSP-DAR	8 040 kr	
	Arkamys UpMix 5	PSP-AR-UPM	10 800 kr	
	Voicode, Professional Mono to Stereo Plugin (VST)	PSP-VC-UPM	5 890 kr	
	Minnetonka SurCode Dolby AC3 Encoder	PSP-MI-DLB-AC3	4 280 kr	
	Minnetonka SurCode for Dolby Pro Logic II VST	PSP-MI-DLB-PL2	5 640 kr	
	Minnetonka SurCode for Dolby E Decoder	PSP-MI-DLB-ED	13 300 kr	
	Minnetonka SurCode for Dolby E Encoder	PSP-MI-DLB-EE	13 300 kr	
	Minnetonka SurCode for Dolby E Bundle	PSP-MI-DLB-EB	23 600 kr	
Key	Software Security Key, Sentinel USB Dongle	SSK-SUD	550 kr	
	Software Security and Installation Pack, Pyramix Native	SSK-PCK-PMX	720 kr	
	Software Security and Installation Pack, Ovation Native	SSK-PCK-OVA	720 kr	
	Software Transfer Key Reissuance Fee, Admin charges	FEE-UPG-KEY	460 kr	

Hardware a la Carte

		MT Item Number	Pris ex moms	
Hardware	Mykerinos DSP Board, 168 MHz, 16 MB	MYK-MB2	17 900 kr	
	Mykerinos DSP Board, 200 MHz, 32 MB	MYK-MB5	19 700 kr	
	Mykerinos PCIe DSP Board, 300 MHz, 64 MB	MYK-X30	21 500 kr	
	Mykerinos PCIe DSP Board, 500 MHz, 64 MB	MYK-X50	TBD	
	ADAT DC	MDC-ADAT	6 250 kr	
	Analog + AES-EBU DC	MDC-DUAL	9 820 kr	
	AES/EBU 2 DC without SRC	MDC-AES2-DSD	9 820 kr	
	AES/EBU 2 DC with SRC	MDC-AES2-SRC	12 500 kr	
	TDIF DC	MDC-TDIF	8 930 kr	
	SDIF DC	MDC-SDIF	8 930 kr	
	MADI Multiboard Coaxial DC	MDC-MADIC2	18 800 kr	
	MADI Multiboard Optical DC	MDC-MADIO2	18 800 kr	
	Upgrade, MADIO2 Monomode Optical DC	UPG-MADIO-MON	4 470 kr	
	MADI Interface for Sony DMX-R100 (limited edition)	MTBK-R109	17 800 kr	
Audio I/O Converters & Interfaces	DUAII	IOC-DUAII	8 990 kr	
	Horus converter, 24 ch AES, 64 ch MADI I/O, Ravenna	IOC-HORUS	39 700 kr	
	Horus Redundant Power Supply Option	IOC-HORUS-PSR	3 570 kr	
	Upgrade, Horus Multimode to Singlemode MADI Optical	UPG-HOR-MADS	4 470 kr	
	Horus 8 channel Mic/Line A/D module, up to 192 kHz	IOM-HORUS-AD8	9 820 kr	
	Horus 8 ch. Mic/Line A/D module, DSD/DXD Premium	IOM-HORUS-AD8P	13 400 kr	
	Horus 8 ch Mic/Line A/D w Direct Out, up to 192 kHz	IOM-HORUS-AD8D	10 800 kr	
	Horus 8 ch. Mic/Line A/D w Direct Out, DSD/DXD Prem	IOM-HORUS-AD8DP	14 300 kr	
	Horus 8 ch. Line Output D/A module, up to 192 kHz	IOM-HORUS-DA8	7 140 kr	
	Horus 8 ch. Line Output D/A module, DSD Premium	IOM-HORUS-DA8P	10 800 kr	
	Horus Additional MADI Multimode Option	IOM-HORUS-MADM	7 140 kr	
	Horus Additional MADI Single mode Option	IOM-HORUS-MADS	8 040 kr	
	Horus RS-422 & GPIO Option	IOM-HORUS-RSGP	2 590 kr	
	Masscore Single port Gigabit Desktop Adapter, PCIe x1	NET-MSC-GBEX1	1 790 kr	
	Dell Power Connect 2816 16 GbE ports Switch, incl QoS	NET-DEL-PC2816	3 320 kr	
	GbE SC Multi-mode Media Converter (copper <-> fiber)	NET-TPL-MC200	730 kr	
	GbE SC Single-mode Media Converter (copper <-> fiber)	NET-TPL-MC210	830 kr	
	Horus warranty extension to 3 years	IOC-HOR-WEX3	5 190 kr	
Control Surface	SmartAV Tango 2 240 Channel 8 fader controller	CTR-TANGO2-08	86 300 kr	
	SmartAV Tango 2 240 Channel 20 fader controller	CTR-TANGO2-20	155 200 kr	
	Isis, remote controller, Ethernet	CTR-ISIS-RC	22 400 kr	
	Isis, 8 channel fader expansion	CTR-ISIS-FE	22 400 kr	
	Ovation, USB Standard keyboard	CTR-KBD-OVS	4 450 kr	
	Ovation, USB Hot keys keyboard	CTR-KBD-OVH	4 450 kr	

Connectivity and cables

		MT Item Number	Pris ex moms	
Connectivity	HDTDM multiboard support cable, up to 3 boards	CON-HDTDM-3	180 kr	
	HDTDM multiboard support cable, up to 4 boards	CON-HDTDM-4	230 kr	
	HDTDM multiboard support cable, up to 5 boards	CON-HDTDM-5	270 kr	
	HDTDM non-contiguous cable, up to 4 boards	CON-NCTDM-4	270 kr	
	Cable, Video/TC Break-out	CON-VTC-CBL	1 700 kr	
	Cable, DB-15 Sync Breakout for CON-USB-VTC & Horus	CON-D15-VTC	630 kr	
	Cable, DB-25 - Octal XLR Break-out	CON-D25-XLR	720 kr	
	Cable, Digital DB-25 - Quad XLR Female/Male, 1.5 meter	CON-D25-XLRD	900 kr	
	Cable, Analog In DB-25 - Octal XLR Female, 1.5 meter	CON-D25-XLRF	720 kr	
	Cable, Analog Out DB-25 - Octal XLR Male, 1.5 meter	CON-D25-XLRM	720 kr	
	Cable, DB-25 - Octal BNC Break-out	CON-D25-BNC	810 kr	
	USB internal Sync Interface	CON-USB-VTC	5 270 kr	
	RS-232 / RS-422 Converter	CON-RS422	1 040 kr	
	USB / RS-422 Converter, Single	CON-USB-RS421	1 040 kr	
	USB / RS-422 Converter, Quad	CON-USB-RS424	2 910 kr	
	Cable, DB-9M - DB-9F, 3m serial extension	CON-D9E-3	130 kr	
	GPIO - USB interface 16 In, 8 Out	CON-SGU-1608	3 740 kr	
	GPIO - USB interface 16 In, 16 Out	CON-SGU-1616	4 570 kr	
	Optical Cable, Plastic - 2 meters	CON-OPF-002	190 kr	
	Optical Cable, Plastic - 5 meters	CON-OPF-005	370 kr	
	Optical Cable, Plastic - 10 meters	CON-OPF-010	550 kr	
	Optical Cable, Glass SC Duplex - 5 meters	CON-OGD-005	460 kr	
	Optical Cable, Glass SC Duplex - 10 meters	CON-OGD-010	550 kr	
	Optical Cable, Glass SC Duplex - 20 meters	CON-OGD-020	730 kr	
	Custom Glass Cable lengths, Connectors and Assembly	CON-OGD-CA	370 kr	
	Optical Cable, Duplex per meter	CON-OGD-XXX	20 kr	
	Long Distance System (set of 2 Onouris, Toslink connectors)	CON-OLDS-TOS	4 910 kr	

Systems, Computers, Upgrades and Maintenance

		MT Item Number	Pris ex moms	
Pyramix Systems	Mini Tower, Windows 7 Pro	PCU-MTW7	13 500 kr	
	Ovation/Pyramix Workstation 19" 2U short, Windows 7	PCT-R2W7S	17 700 kr	
	Ovation/Pyramix Workstation 19" 3U (40 cm), Windows 7	PCT-R3W7S	20 800 kr	
	Pyramix Premium Fanless Workstation 2U, Windows 7	PCT-RFW7C	22 900 kr	
	Pyramix Workstation 19" 4U, Windows 7	PCT-R4W7B	30 800 kr	
	Pyramix Premium Workstation 19" 4U, Windows 7	PCT-R4W7C	34 500 kr	
	Dual Redundant Power Supply Option for 4U Rack	PSR-R4-420	5 610 kr	
	Pyramix Workstation Upgrade to 3rd Gen Quad i5, 8GB	UPG-PCT-C3I5	9 550 kr	
Server, Storage & other IT options	Custom Configuration Supplement (storage, ram, etc.)	CCS-MT	1 040 kr	
	DDR Ram extension from 2 GB to 4 GB	DDR-EXP-4GB	1 040 kr	
	500 GB SATA II - Western Digital 7k2, 16MB	HD-WD-500SA	1 250 kr	
	1000 GB SATA II - Western Digital 7k2, 32MB	HD-WD-1000SA	1 660 kr	
	2000 GB SATA III - Western Digital RE4, 64MB	HD-WD-2000SA	2 490 kr	
	4000 GB SATA III - Western Digital RE4, 64MB	HD-WD-4000SA	5 190 kr	
	SSD Drive Crucial, 480GB	SSD-CRU-CT480	4 150 kr	
	SSD Drive Crucial, 960GB	SSD-CRU-CT960	6 850 kr	
	SATA Removable Sled	HD-SATA-SLED	830 kr	
	SCSI Removable Sled	HD-SCSI-SLED	830 kr	
	Luxor Media Server, Windows Server 2003, 5 users	LCT-CL05	52 700 kr	
	Luxor Media Server, Windows Server 2003, 10 users	LCT-CL10	60 700 kr	
	Raid 10 int. storage for VCube, PMX 2.0 TB	STI-SA07-200	6 850 kr	
	Raid 5 int. storage for VCube, PMX, Luxor, SATA 5.0 TB	STI-SA07-500	12 500 kr	
	Raid 0 int. storage for VCube, PMX, SATA 8.0 TB	STI-SA07-800	10 400 kr	
	Raid 5 int. storage for VCube, PMX, Luxor, SATA 10 TB	STI-SA07-1000	17 700 kr	
	Raid 0 int. storage for VCube, PMX, SATA 16 TB	STI-SA07-1600	20 800 kr	
	External storage for Pyramix/VCube HD capable, 16TB	STE-SCSA-1600	ASK	
	External storage for Pyramix/VCube HD capable, 32TB	STE-SCSA-3200	ASK	
Pyramix Upgrades & Maintenance	Upgrade from V7.x to V8.0, Native Broadcast	UPG-PMX-8NBR	1 250 kr	
	Upgrade from V7.x to V8.0, Native Music	UPG-PMX-8NMU	2 320 kr	
	Upgrade from V7.x to V8.0, Native Master	UPG-PMX-8NMA	3 930 kr	
	Upgrade from V7.x to V8.0, Native Post	UPG-PMX-8NPO	4 470 kr	
	Upgrade from V7.x to V8.0, Broadcast Pack	UPG-PMX-8BR	2 500 kr	
	Upgrade from V7.x to V8.0, Music Pack	UPG-PMX-8MU	3 930 kr	
	Upgrade from V7.x to V8.0, Master Pack	UPG-PMX-8MA	5 180 kr	
	Upgrade from V7.x to V8.0, Post Pack	UPG-PMX-8PO	5 890 kr	
	Upgrade from PSO-QTS to PSO-VCP (VCube Essentials)	UPG-QTS-VCP	1 080 kr	
	Annual Software Maintenance, Native Broadcast	ASM-PMX-NBR	990 kr	
	Annual Software Maintenance, Native Music	ASM-PMX-NMU	1 790 kr	
	Annual Software Maintenance, Native Master	ASM-PMX-NMA	3 040 kr	
	Annual Software Maintenance, Native Post	ASM-PMX-NPO	3 220 kr	
	Annual Software Maintenance, Broadcast Pack	ASM-PMX-BR	1 970 kr	
	Annual Software Maintenance, Music Pack	ASM-PMX-MU	3 040 kr	
	Annual Software Maintenance, Master Pack	ASM-PMX-MA	4 020 kr	
	Annual Software Maintenance, Post Pack	ASM-PMX-PO	4 470 kr	
Ovation Upgrades & Maintenance	Upgrade from Ovation Silver V3.x to V4.0	UPG-OVA-4SILV	1 610 kr	
	Upgrade from Ovation Gold V3.x to V4.0	UPG-OVA-4GOLD	2 590 kr	
	Upgrade from Ovation Platinum V3.x to V4.0	UPG-OVA-4PLAT	3 930 kr	
	Annual Software Maintenance, Ovation Silver	ASM-OVA-SILV	1 430 kr	
	Annual Software Maintenance, Ovation Gold	ASM-OVA-GOLD	2 320 kr	
	Annual Software Maintenance, Ovation Platinum	ASM-OVA-PLAT	3 220 kr	

Mykerinos Upgrades
Pyramix users are offered the possibility to upgrade their existing Mykerinos board(s) to any higher performance model for the difference in current retail value of their existing board, with a depreciation of 50%, and the value of the new board they purchase.
Upgrades from PCI to PCIe Mykerinos cards is possible but with a reduced 25% (instead of 50%) trade-in offer.

Mykerinos Daughter-card Upgrades
Pyramix users are offered the possibility to upgrade/exchange in any combination their existing Mykerinos daughter board(s) to any other type and model for the difference in current retail value of their existing board, with a depreciation of 50%, and the value of the new board they purchase.

Mykerinos -> Horus Trade in
Mykerinos card owners are offered the possibility to upgrade their existing hardware in exchange for a Horus unit. For details on this please consult the Merging website, blog, inside express newsletters or request the information from your local Merging sales partner.

VCube Systems, Options, Upgrades and Maintenance

		MT Item Number	Pris ex moms	
VCube Systems	VCube Player LE, Software	VCB-LE	8 570 kr	
	VCube Player LE, Software with Sync card	VCB-LE-PRO	13 900 kr	
	VCube Player XE, Software with Render option	VCB-XE	17 200 kr	
	VCube Player XE, Software with Render & Sync card	VCB-XE-PRO	22 400 kr	
	VCube Recorder SE-HD, Software and LH Card Set	VCB-SE-HD	39 300 kr	
	VCube Recorder SE-HD, Software & Sync + LH Card Set	VCB-SE-HD-PRO	44 600 kr	
	Software Security and Installation Pack, VCube LE/XE/SE	SSK-PCK-VCB	720 kr	
	VCube Player HD-2K DVI, Turnkey	VCT-RPHW7	71 400 kr	
	VCube Recorder HD-SDI, Turnkey	VCT-RRHW7	82 100 kr	
	VCube 4+8 channel Audio Option	MDC-DUAL	9 820 kr	
	MXF Support	VSO-MXF	3 310 kr	
	AAF Interchange	VSO-AAF	3 310 kr	
	Apple (Final Cut Pro) XML Interchange	VSO-FCP-XML	3 310 kr	
	IMX and MPEG2 Support #	VSO-IMX-MPG	3 310 kr	
	IMX and MPEG2HD Support # **	VSO-IMX-MPG2HD	3 930 kr	
	DVCPRO (DV50) Support	VSO-DVCPRO	3 310 kr	
	DVCPROHD (DVCPRO100) Support **	VSO-DVCPROHD	3 930 kr	
	AVC INTRA Support	VSO-AVC-INTRA	3 930 kr	
	Avid DNxHD Support	VSO-AVDNXHD	3 930 kr	
	Minnetonka SurCode for Dolby E Decoder	VSO-MI-DLB-ED	13 100 kr	
	Minnetonka SurCode for Dolby E Encoder	VSO-MI-DLB-EE	13 100 kr	
Upgrades & Software Maintenance	Upgrade from VCube LE V3.x to V4.0	UPG-VCT-4LE	1 970 kr	
	Upgrade from VCube XE V3.x to V4.0	UPG-VCT-4XE	2 590 kr	
	Upgrade from VCube SD V3.x to V4.0	UPG-VCT-4SD	3 310 kr	
	Upgrade from VCube HD V3.x to V4.0	UPG-VCT-4HD	5 270 kr	
	Annual Software Maintenance, VCube LE	ASM-VCT-LE	1 610 kr	
	Annual Software Maintenance, VCube XE	ASM-VCT-XE	1 970 kr	
	Annual Software Maintenance, VCube SD	ASM-VCT-SD	3 040 kr	
	Annual Software Maintenance, VCube HD	ASM-VCT-HD	3 930 kr	

* VSO-MXF Support included in all VCube Packs from V4.0
\# requires the VSO-MXF Support for full operation
** includes free-of-charge the SD Version of the corresponding HD Codec

Ovation Systems

		MT Item Number	Pris ex moms	
Ovation Systems	Ovation Silver Turnkey Bundle (requires PCT)	OCT-SILV	52 200 kr	
	Ovation Gold Turnkey Bundle (requires PCT)	OCT-GOLD	61 600 kr	
	Ovation Platinum Turnkey Bundle (requires PCT)	OCT-PLAT	70 500 kr	
	Ovation Web server option	OSO-WSR	3 570 kr	
	Ovation 21.5" TFT Touchscreen Monitor (no VESA mount)	DIS-TFT-YAM-T225(	4 150 kr	

Ovation System Bundles
Apart from the Ovation 2U, 3U or 4U Workstation, these bundles include all required components to create Turnkey Ovation solutions. The above bundles include:

- the respective MOV-048-XXX bundles (including MassCore 48)
- 1 IOC-HORUS
- 1 NET-MSC-GBEX1
- 1 CON-D15-VTC
- 1 CON-D25-XLRD
- 1 SSK-PCK-OVA

Note : above bundles are only available when ordered together with a Merging PCT-RXXX 2U, 3U or 4U workstation.

Note: Ovation systems requiring higher levels of MassCore may be offered with just the price difference between the selected MassCore level and the default MassCore 48.

Software Options

Pyramix LE * (currently available as a free of charge item bundled with Mykerinos hardware)
It includes 16 tracks, Tone Control, 4 Band Parametric EQ and Dynamics processor effects. Pyramix LE, in a limited form, may also be downloaded and evaluated as a stand-alone product running without Mykerinos board on any full-duplex sound card with Stereo I/O. This **Pyramix Eval** version is limited to two output channels, no record and no project save functionality.

Pyramix Virtual Studio Core **
Pyramix Virtual Studio includes Pyramix LE features plus:

- Unlimited number of Tracks
- 10 band Graphic Equalizer
- Strip Tools, Bus Tools
- Delay, Echo
- Generator (Sinus, Pulse, DC)
- Flanger
- Mastering Peak/Vu meters
- Wordlength Meter
- Phase correlator and Audio Vectorscope
- Angudion
- Nagra Modulometer
- Virtual Transport Server (VT Clients require separate ordering)
- Virtual Transport DS Video Player client
- iXML support
- EDL Media relink support

Advanced Video Support (Legacy under Windows 7 except in Japan)
Advanced Video Support enables Pyramix to record and playback DV encoded AVI Video files internally within Pyramix in sync with PAL or NTSC.
Digitising video from an external source is achieved through the IEEE1934 (DV/FireWire) port. No internal video card is necessary, although an external composite to DV converter maybe useful e.g. the Canopus range of ADVC50 to ADVC300 costing from US$200.00 to US$ 550.00.

File Formats Compatibility
Offers Interchange with all major existing Digital Audio Workstations

Super Audio CD / DSD Support
Super Audio CD / DSD Support. A 2 track/2 channel system requires one Mykerinos board (with choice of either MADIC2, AES-EBU-DSD or SDIF I/O DC). A 8 track/8channel system requires a minimum of two MYK-MB5 boards for real-time DSD signal mixing and processing. A 16 track/16 channel system requires four MYK-MB5 boards. The PSO-DSD option is only available in combination or addition to a Mastering Pack. DSD option is not (yet) fully supported in Pyramix V8 Native Packs.

Super Audio CD Authoring
Merging's integrated Super Audio CD Authoring and Disc Builder offers full Scarlet Book compliant SACD Cutting Master production.

ASIO/RAVENNA Driver
ASIO/RAVENNA driver is free of charge but requires a Horus to be present on the Network. Supports up to 64 channels I/O at 1FS for direct connection to Windows 7 PC 32-bit/64-bit.

Core Audio/RAVENNA Driver (Post-Pyramix V8.0 release)
CoreAudio/RAVENNA driver is free of charge but requires a Horus to be present on the Network. Supports up to 64 channels at 1FS for connection to Intel-based Apple Mac (Lion 10.7 and above)

Multiboard support and HDTDM Cable
Multiboard support is free of charge for registered VS\24F users and customers having purchased PSB-VSC.
VS\24E users may upgrade to HDTDM by purchasing the UPG-HDTDM option. The HDTDM Cable is to be ordered along the additional Mykerinos + Daughter Card bundle. Intel 945 motherboards require the non-contiguous CON-NCTDM-4 cable for more than 2 boards, as the two sets of two PCI slots are separated by 2 PCI Express slots.
Multiboard support is now including MADI-II daughtercard but MADI-I and DUAL daughtercards are ONLY standalone single Mykerinos systems.

Annual Software Maintenance
Merging highly recommends the purchase of an Annual Software Maintenance Scheme to Pyramix, Ovation and VCube customers. This will give software support from Merging whilst under the scheme, telephone support on new features plus automatic free software upgrades (usually 1 to 2 per year). Additionally users covered by ASM will receive free-of-charge any additional options to become associated with their given Pack. The first year after the initial purchase of the system, the Annual Software Maintenance is free of charge.

Pyramix Native
Pyramix Native is a special configuration of Pyramix Virtual Studio (VS) that does not require Merging's Mykerinos DSP or I/O hardware and running on any standard Windows® 7 32 or 64-bit desktop or laptop PC. With up to 96 channel I/O and tracks of mixer routing capability (Native Broadcast limited to 24 channels), plus ability to load unlimited editing tracks, Pyramix Native retains all the real-time editing and mixing capability of the main Pyramix MassCore system and has many of Merging's usual plug-in options available.

Pyramix Native Extended Option
Offers unlimited Native Channel Count.

The Software Security & Installation Pack SSK-PCK-PMX, including a Sentinel USB Dongle, is to be ordered on top of the Pyramix Native Pack.

Native Plug-in Options
√ = Option Available

MPEX3 Time/Pitch Scaling by Prosoniq
An all-round high quality Time Compression/Expansion and/or Pitch-shift function for mono, stereo and multi-channel operation. Allowing percentage, BPM and timecode In/Out adjustment of time with full control over pitch.

Aphro V1 Reverb by VB
Aphro-V1 provides professional-quality reverberation or ambience processing to single or multiple tracks, when used in a send/return path. With easy on-screen editing and an incredible amount of ready-to-use presets.

DeNoiser Option, Plug-in by Algorithmix
Unique features of this plug-in are it's sound quality due to 32 bit floating point processing, 96 kHz operation and additional control not available on standard packages. It takes advantage of the enormous processing power available in real-time on the Mykerinos/MassCore platform and can be operated in parallel with the DeScratcher option to clean heavily corrupted signals while preserving the original audio material in one single pass.

DeScratcher Option, Plug-in by Algorithmix
Combines DeClicking and DeCrackling functions in one powerful state-of-the-art plug-in. Designed to take advantage of the enormous processing power available on the Mykerinos/MassCore platform. Together with the DeNoiser plug-in it provides one of the most powerful real-time sound restoration tool sets ever developed.

Nova, by Algorithmix
Similar in operation to Retouch, Nova Audio Renovation Tool operates on both the temporal and spectral content of the recorded signal to identify and eliminate unwanted acoustic sounds such as chair squeaks, coughs etc. An intuitive visual interface clearly identifies where the problem lies and allows you to quickly and cleanly manipulate the signal to remove the unwanted background noise.

CEDAR for Pyramix
On initial purchase of any CEDAR for Pyramix process(es) a SSK-CEDAR security dongle must be purchased.

Manual and Auto Declick for Pyramix, by CEDAR
For most damaged material, you will be able to restore all the clicks using the "auto declick" process. This automatically detects each click, removes it, and then fills the gap with the best estimate of the material that existed (or would have existed) had the click not occurred. The maximum click length handled is 100 samples at 44.1kHz.
Manual declick should be used to remove clicks that auto declick can not process adequately. It does this by allowing you to specify the audio that constitutes the click. And, since auto declick is more likely to fail when the clicks are longer, the manual declick interpolator is optimised for longer clicks and scratches. The maximum click length handled is 2,048 samples at 44.1kHz.

Decrackle for Pyramix, by CEDAR
For most damaged material, you will be able to remove all the crackle, as well as reduce various types of buzz and distortion, using the decrackle process. This automatically detects the tiny disturbances that comprise crackle, removes them, and restores the audio with the best estimate of the material that existed (or would have existed) had the crackle not occurred.

Dehiss for Pyramix, by CEDAR
Dehiss for Pyramix is the final element in the complete restoration suite for Pyramix. Together with CEDAR's declick, decrackle, dethump and Retouch™ packages, it provides a fully-featured package for cleaning up audio for post, CD and DVD mastering, soundtrack restoration, broadcast, and sound archives.

Dethump for Pyramix, by CEDAR
Dethump should be used to remove low frequency disturbances you cannot restore using auto- or manual declick. It does this by allowing you to identify and describe the audio that constitutes the thump. The maximum thump length handled is 50,000 samples.

Retouch for Pyramix, by CEDAR
The CEDAR Retouch tool removes disturbances that are constrained in both time and frequency from corrupted audio signals without adversely affecting the desired programme content. Examples of such disturbances include sounds as varied as coughs, record scuffs, squeaky chairs, page turns, the creak of a piano pedal, and car horns. An intuitive visual interface clearly identifies where the problem lies and allows you to quickly and cleanly manipulate the signal to remove the unwanted background noise(s).

Minnetonka SurCode Dolby AC3 Encoder
Transforms 5.1 Surround-Sound into Dolby Digital AC-3. This software supports all important Dolby-Encoding-options. It´s an off-line software-encoder.

Hardware

Mykerinos PCI and PCIe Audio Board
Mykerinos is a half-length PCI or PCIe card to which it is possible to attach a choice of I/O Daughter boards while still occupying only a single PCI/PCIe slot. This card offers a high quality 32 bit floating point engine, professional audio I/O and processing for Pyramix users and OEM's. The on-board DSP allows for a wide range of very high quality real time audio processing effects and real time audio mixing. Each Mykerinos is able to simultaneously play and record up to 64 tracks (only limited by hard disk speed).
Here is a quick summary of features:

- PCI compliant version 2.1 with 3.3 Volts and 5 Volts supported or PCI Express v1.0a, full x1 PCI Express.
- Driver support for Windows NT, Windows 2000, Windows XP.
- Support for all sampling rates from 32 kHz up to 384 kHz (needs Pyramix PSO-HSF option above 48 kHz).
- Based on Philips Trimedia PNX130x or PNX150x 32 bit floating point processing VLIW technology.
- High Performance (MYK-MB1: 288 MFlops sustained, 576 MB/s SDRAM interface, MYK-MB2 and MYK-MB3: 336 MFlops sustained, 672 MB/s SDRAM interface, MYK-MB4: 360 MFlops sustained, 720 MB/s SDRAM interface, MYK-MB5: 400 MFlops sustained, 800 MB/s SDRAM interface, MYK-X30: 600 MFlops sustained, 1600 MB/s SDRAM interface), MYK-X50: 1000 MFlops sustained, 1600 MB/s SDRAM interface).
- Open Plug-In architecture with large on-board high-speed RAM for memory intensive processing.
- Highly flexible modular I/O architecture can be tailored to user's needs by the use of dedicated daughter boards. This I/O modularity offers a unique opportunity to meet a wide range of market requirements.
- On board Sync Connector that includes Video Sync I/O, LTC reader and generator and VITC reader and generator with built-in time code insertion in Video window (non PCIe models only).
- 2 channel 24 bit 96 kHz (PCI) 192 kHz (PCIe) on-board monitoring output.
- Multiple card interconnected through HDTDM (High Definition Time Domain Multiplex) Bus with support of up to 256 audio channels.
- Supports up to 8 Mykerinos boards in parallel or daisy chain mode.
- Can be used with any I/O Daughter board to increase total amount of I/O channels and/or as an additional "DSP Nursery"

Mykerinos ADAT Daughter Card
The ADAT Daughter board connects to Mykerinos via a mezzanine 64 way connector. When connected to the Mykerinos board, the two boards still only occupy a single PCI slot. The ADAT Daughter board features 16 I/O channels on 2+2 ADAT optical connectors. One set of optical connectors can be switched, under software control, to convey SPDIF 2 channel formatted I/O instead of ADAT.
Note: The ADAT daughtercard offers only limited functionality in Pyramix V5.0 XDTDM mode (128 channels I/O mode).

Mykerinos DUAL Analog + AES-EBU Daughter Card
The Mykerinos DUAL Daughter board features 4 channels of Analog I/Os including 2 channels with switchable MIC/Line preamps and Phantom power + 8 I/O channels on 4 AES-EBU pairs. This is an ideally compact and cost-effective solution for Audio for Video and Broadcast applications. Recommended are two CON-D25-XLR cables, one for the Analog section and one for the AES-EBU section. The DUAL daughtercard is not multi-board compatible and therefore can only be used in single Mykerinos systems.

Mykerinos MADI Daughter Card
The Mykerinos MADI Daughter board is the solution for high I/O channel count applications. It offers 56 channels of 24 bit bi-directional I/O and up to 64 channels in MADI-X (Madi Extended) format. It can be ordered either in a BNC based coaxial version or an optical duplex SC version. Both versions are fitted with a standard Wordclock BNC I/O connector, which can be software programmed as a Wordclock In or Wordclock Out signal. The second generation **MADI-II** daughter cards offer in addition full support for multi-board operation and can be used in larger multi-Mykerinos systems offering complete format conversion capability in addition to additional I/O and increased processing power.

Mykerinos AES 2 Daughter Card
The Mykerinos AES-EBU Daughter board offers 24 channels of digital I/O over 12 AES-EBU input and output pairs. The MDC-AES2-SRC version additionally features 4 channel pairs of real-time Sampling Rate Conversion from 32 to 384 kHz which may be inserted either in the input or output signal path under software control. Connection is over three DB-25 connectors (one primary on the daughter card itself, two additional connectors on separate included ribbon cables). Up to three CON-D25-XLR cables may be purchased separately for connection to/from XLR equipped AES devices.

Mykerinos TDIF Daughter Card
Similar to the AES-EBU DC but with 24 channels of 24 bit TDIF interface.

Mykerinos SDIF Daughter Card
Similar to the AES-EBU DC but for 8 channel PCM or DSD over SDIF-2/3 protocol.

Hardware Options

RS 232/422 Converter
Suitable for controlling Sony protocol (P2) machines from a free PC serial port. 9 pin D connectors at either end. Requires a standard P2 cable.

Onouris Plastic to Glass Converter (Long Distance System)
ADAT Plastic cables only operate reliably up to a distance of 10 meters. This is a limitation where greater distances are required. The Onouris LDS solves these problems by converting (both ways) from a plastic optical cable system to a glass optical cable system. On the front panel there are two sets of three optical connectors, one set converting from Glass RX to two plastic TX in parallel, the other set converting from Plastic RX to one Glass TX and one Plastic TX in parallel.
No switches, no complexities, just a Power led to indicate proper operation. Two units are included in the OLDS Long Distance System. This solution will work without problems up to 600 meters! And even up to 1000 meters, with a small internal resistor change. 115V and 230V versions available. Please specify Mains Voltage with order.

Remote Controllers

ISIS-RC, Remote Controller, Ethernet
Isis-RC is an Ethernet linked remote control unit for users wanting a high quality tactile controller for Pyramix or VCube.

Isis consists of large dedicated machine control keys with a high resolution jog/shuttle wheel with dedicated edit key functions, which can be redefined if required. The LCD screen shows time-code displays and user configurable soft labelling of the twelve surrounding keys. A further twenty four illuminated user keys can be configured across two layers giving 48 additional functions for macros functions, solo, mute, track arming, fader grouping, TC locate etc.

The Master fader section has a 100mm high quality moving fader with touch control. There are solo/mute and read/write automation keys with an automated LED rotary pan/balance control.

Pyramix requires the PSO-RCTR Remote Control software option enabled for Isis setup and operation.

ISIS-FE, 8 channel fader expansion
Isis-FE is an eight Fader extension unit. Each fader has the same functionality as the fader section on the main Isis unit. Additionally there are five illuminated 'Layer' keys to allow rapid switching of fader banks with five additional 'Preset' keys for more specific channel assignment.

IMPORTANT:
Isis-FE connects to a single serial link on the main Isis controller.

ADR, USB Keyboard
Dedicated pre-programmed USB keyboard with 60 sturdy silent action pre-printed color coded keys including number pad, transport control, loop management and all ADR relevant functions.
Dimensions: 35 cm W, 22 cm L, 4.5 cm H

Ovation Standard Keyboard
Dedicated pre-programmed USB keyboard with 87 sturdy silent action pre-printed color coded keys including 48 Hot Key triggers, complete show transport control, cue list fire commands, cue list selection and management, fade modifiers, hot key modifiers, simple editing commands and four-way navigation arrows. Particularly designed for theatre and live show applications
Dimensions: 35 cm W, 22 cm L, 4.5 cm H

Ovation Hot Keys Keyboard
Dedicated pre-programmed USB keyboard with 69 sturdy silent action pre-printed color coded keys including 48 largely spaced Hot Key triggers, show transport control, cue list selection, fade modifiers and up/down navigation arrows. Particularly designed for TV/radio/games applications
Dimensions: 35 cm W, 22 cm L, 4.5 cm H

Audio I/O Converters & Interfaces

DUA II Audio Converter
This is a very cost-effective audio conversion solution for Pyramix users and stand-alone applications, packaged in one single 1U high 19" rack enclosure. It features four 24 bit A/D inputs, six 24 bit D/A outputs (2 outputs from stereo headphones or Monitor Outputs), two 24 bit AES/EBU inputs (4 mono channels), two 24 bit AES/EBU outputs (4 mono channels) and external AES/EBU/Wordclock synchronization. The DUA stand-alone converter offers standard XLR connections on all Inputs/Outputs and connects to the Mykerinos ADAT I/O or any other ADAT compliant lightpipe via digital optical connectors, each carrying eight channels of digital audio. This effectively eliminates the possibility of ground loops or electrical interference.

Horus Base Unit
Probably one of the most flexible converters available on the market, Horus combines the present and the future of audio interfacing in a 2U box. A new benchmark in sonic quality, design and use of technology, Horus is perfect for any application ranging from studio and remote recording, CD/SACD mastering, Film and TV post-production, theme parks, cruise ships, live events, and theatre, A/V installation.
Horus comes standard with 1x MADI IO (Coaxial/Optical), 24x AES-EBU (12 pairs on DSUB) along with 6 x Analog module slots and 1 x secondary MADI expansion slot for the cards listed below.

Horus AD8 and AD8P Mic/Line module
8 Remote controllable mic pre-amplifiers with phantom power per channel and line level switches, phenomenally low THD-N and operationally, one of the most transparent AD conversions on the market, the Horus AD8 and AD8P Input modules are sure to impress.
AD8 & AD8D
8 mic pre-amplifiers with line level switches, capable of operation up to 192kHz on DSUB connections
AD8P & AD8DP
The DXD/DSD capable Premium version of the AD8, with the same features and an even more impressive set of specifications (SNR, THD+N etc). The D after the 8 denotes Direct-Out capable modules.

Horus DA8 and DA8P line level output module
The Horus Output modules don't fail to turn heads either. With a -126dB Signal to noise ratio possible on any of the 8 outputs available in each module, these are over 10-20 dB better than the nearest alternative, available in DA8 and DA8P models.
DA8
8 Line level output module on DSUB, capable of operation up to 192kHz
DA8P
8 Line level output Premium module on DSUB, capable of operation up to DSD (and DXD via decimation)

NOTE: 192kHz (AD8/DA8) modules and the DSD/DXD (AD8P/DA8P) cannot be mixed in a Horus Base unit.

MADM
Add 64 channels of additional MADI connectivity to the Horus unit (making a total of 128 channels of MADI) using **Multi-mode** fiber or coaxial connectors.
MADS
Add 64 channels of additional MADI connectivity to the Horus unit (making a total of 128 channels of MADI) using **Single-mode** fiber or coaxial connectors.

Merging Custom AV Case with Pre-configured and tested PC System

Merging Custom 4U AV Case with Pre-configured and tested PC System

Specifications:

- All aluminum ultra lightweight 19" AV casing
- Top of the range Intel i5 3rd Gen chipset and processor
- Gigabit Ethernet, Firewire/1394, USB 2.0, SATA
- Dual Head Graphics with VGA, DVI and HDMI (Quad Head optional)
- DVD+/- R/RW Optical CD-DVD reader/writer unit
- Filtered, hard drive heat dissipation path
- 4 x low RPM low noise system fans
- Low noise processor cooling system with extra large heat sink and super silent fan
- 6 x 3.5" shock mount, fast removal drive bays (two slots populated) for internal hard disks installation
- 3 x 5.5" shock mount drive bays (one slot populated) for optical or removable drives installation

Rear panel:

- RS-422 connector with master & slave mode switch, for machine or remote control connections.
- 4 x DB-25 slots for up to 4 x 8 channels of AES/EBU, SDIF or TDIF I/O installation
- TimeCode "SMPTE-EBU" LTC Input on XLR connector (only with Mykerinos)
- TimeCode "SMPTE-EBU" LTC Output on XLR connector (only with Mykerinos)
- WordClock I/O, Video Reference Input & Video Output on BNC connectors (only with Mykerinos)
- 7x "PCI" mounting brackets

Front panel:

- Flush mounted USB 2.0 & Firewire connector for easy connections of dongles, external drives or outboard equipment
- Side opening door for easy 5.25" bays access
- Brushed aluminum "Merging" front panel
- Cool Blue Merging Logo, LED illuminated, pyramidal Power and Reset switches
- Specific Pyramix, Ovation or VCube labelling

Note: Keyboard, mouse and monitor not included

Pyramix Pre-configured and tested Units

Pyramix and Ovation are also available as a complete workstation system with all computer boards and software pre-installed and tested. Following is a brief summary of the key features for all systems (please note that due to the rapid evolution of Wintel based platforms, the specs and exact configurations are continuously updated and upgraded as faster processors and systems become available):

PCT-R2W7S/PCT-R3W7S 19" 2U/3U Integrated Workstation

The compact-sized 2U Pyramix/Ovation Rack Integrated Systems are complete Workstation systems, which include:

- Custom 2U or 3U Rack Case with Pre-configured and tested computer platform including
- Pentium Core i5 4570 3.20 GHz or equivalent with 8 GB DDR3 Ram
- 120 GB SSD System Hard Disk or better, 500 GB SATA Data Hard Disk
- DVD+/- R/RW Optical CD-DVD reader/writer unit, Soundblaster compatible sound
- On board Dual graphics or equivalent, 100/1000 Mbit/s Ethernet
- Windows 7 Professional 32-bit

PCT-RFW7C Premium Fanless Workstation

The Pyramix/Ovation Fanless Integrated Systems are complete Workstation systems which include:

- Totally silent 2U height (no Rack mount) with Pre-configured and tested computer platform including
- 2 rear openings for PCI/PCIe extension cards
- Pentium Core i5 3450 3.10 GHz or equivalent with 8 GB DDR3 Ram
- 120 GB SSD System Hard Disk or better, 1000 GB SATA Data Hard Disk
- DVD+/- R/RW Optical CD-DVD reader/writer unit, Soundblaster compatible sound
- On board Dual graphics or equivalent, 100/1000 Mbit/s Ethernet
- Windows 7 Professional 32-bit

PCT-R4W7B 19" 4U Integrated Workstation

The Pyramix/Ovation Rack Integrated Systems are complete Workstation systems, which include:

- Merging Custom AV Case with Pre-configured and tested computer platform including
- Pentium Core i5 4570 3.20 GHz or equivalent with 8 GB DDR3 Ram
- 120 GB SSD System Hard Disk or better, 1000 GB SATA Data Hard Disk
- DVD+/- R/RW Optical CD-DVD reader/writer unit, Soundblaster compatible sound
- On board Dual graphics or equivalent, 100/1000 Mbit/s Ethernet
- Windows 7 Professional 32-bit

PCT-R4W7C 19" 4U Integrated Workstation, Premium Edition

The Pyramix/Ovation Premium Edition Workstation is the same as above with the following changes/additions:

- Intel Core 4th generation i5/i7 platform with multiple PCIe x4/x16 slots
- Pentium Core i5 4570 3.20 GHz or equivalent with 8 GB DDR3 Ram
- 120 GB SSD System Hard Disk or better, 2000 GB SATA Data Hard Disk
- On-board support for SATA Raid 0, 1, 5, 10 w/ 6x SATA connectors

All completely integrated and tested. The integrated systems are also available packaged with the Horus or DUA-II audio converter units. Systems can also be customized with other options - ask for more information on custom configurations. All components are subject to upgrade and improvement.

VCube Pre-configured and tested Units

VCube are complete turnkey systems with all computer boards and software pre-installed and tested. Following is a brief summary of the key features for all systems (please note that due to the rapid evolution of Wintel based platforms, the specs and exact configurations are continuously updated and upgraded as faster processors and systems become available):

VCube Video Player VCT-RPW7 19" AV Case Integrated System

The VCube Player configuration is a complete turnkey system, which include:

- Merging Custom AV Case with Pre-configured and tested PC System including
- Pentium Core i5 4570 3.20 GHz or equivalent with 8 GB DDR3 Ram
- 120 GB SSD System Hard Disk or better, 500 GB SATA Data Hard Disk
- DVD+/- R/RW Optical CD-DVD reader/writer unit, Soundblaster compatible sound
- On board Dual graphics or equivalent, 100/1000 Mbit/s Ethernet
- Mykerinos MB2, 168 MHz, 16 MB card
- Windows 7 Professional 32-bit
- VCube V4.x player software
- Virtual Transport Server software

VCube Video Player HD-2K DVI VCT-RPHW7 19" AV Case Integrated System

The VCube Player HD-2K configuration is a high performance platform capable of playing uncompressed HD material up to 1080 resolutions:

- Pentium Core i5 4570 3.20 GHz or equivalent with 8 GB DDR3 Ram
- VCube HD-2K (1080) software support
- No Data storage included, choose one HD compatible internal or external storage configuration from list

VCube Video Recorder HD-SDI VCT-RRHW7 19" AV Case Integrated System

The VCube Recorder HD-SDI configuration is a high performance platform capable of playing up to 1080 resolutions:

- AJA OEM LHi OEM only or equivalent video card with HD/SD-SDI I/O
- VCube V4.x recorder/player software
- VCube HD-2K (1080) software support
- No Data storage included, choose one HD compatible internal or external storage configuration from list

All completely integrated and tested. Systems can also be customized with other options - ask for more information on custom configurations. All components are subject to upgrade and improvement.

VCube LE Video Player

is the most simple player version. It keeps standard VCube capabilities such as playing all video file types and codecs, and can import the known interchange formats (e.g. OMF with optional AAF, FCP XML). Rendering, exporting, wrapping and recording however are not possible. Video can only be monitored via VGA or DVI outputs.

VCube XE Video Player/renderer/wrapper

is the same as VCube LE, but it ads the rendering, exporting and wrapping capabilities to it's set of capabilities.

VCube SE-SD & SE-HD Video Player/Recorder

Supplied as a software plus card set bundle, can capture and play video via a AJA-OEM video card which features SDI and Analog video I/O. VCube SE-SD comes bundled with a AJA-OEM-LSe PCI Express card (AJA-OEM-LS PCI card also available on special demand) while the VCube SE-HD includes a AJA-OEM-LHe card.The VCube SE-SD and SE-HD (see spec on www.merging.com for supported compressed HD standards) are more cost effective and lighter versions of the integrated VCube system using the same core software but tailored for post production environments and applications.

Merging maintains a list of tested and specified PC on the VCube website. Customers or dealers installing VCube LE/XE/SE on none specified PCs will void ALL warranties and support for the product.

VCube LE-PRO, XE-PRO, SE-SD-PRO & SE-HD-PRO versions with Sync card

For each of these versions a PRO model is available adding the CON-USB-VTC Sync card. This board enables machine control, LTC I/O, RS422, midi control and optional bi-phase support in the VCube system. If only Sony P2 protocol is required, VCube LE/XE/SE models can use the on board PC RS232 COM port for machine control.
The Software Security & Installation Pack SSK-PCK-VCB, including a Sentinel USB Dongle, is to be ordered on top of any VCube LE/XE/SE.

Installing Pyramix in a VCube.

It is possible to install a Pyramix system inside the VCube with certain provisos and limitations. Merging is currently studying the operational limitations when installing VCube LE/XE/SE in a Pyramix system but at time of print all operational limits have not yet been fully ascertained.
Provisos and Limitations:
Firstly, Pyramix must use its own dedicated Mykerinos hardware as you cannot use VCube's MB1 Mykerinos for Pyramix and VCube simultaneously. Secondly, Merging can only confirm the use of Pyramix in a VCube to maximum of 48 tracks @48kHz for the time being. This may increase in the future once we have completed our bench tests of the variants of tracks, sample rates and video resolutions. Also number of simultaneous plugins in Pyramix may have to be limited depending on total memory usage. Merging recommends minimum 4 GB of physical memory.

Luxor Central Storage Server

Luxor is a central Media Server designed and optimized by Merging for high performance Audio and Video data central storage. It offers a scaleable architecture, both in terms of bandwidth and storage size to accommodate growth of user requirements as number of workstations and size of required storage exceeds the initial implementation.
It excels at offering both to Pyramix and/or to VCube stations connected any combination of streaming channels or Push/pull file copies. Media storage can either be added internally (see Internal Storage solutions ranging from 2.0 TB to 20.0 TB in Raid 5 configuration) and/or externally (see External Storage solutions). Following is a brief summary of the key features for all systems (please note that due to the rapid evolution of Wintel based platforms, the specs and exact configurations are continuously updated and upgraded as faster processors and systems become available):

Luxor Media Server LCT-CL05 in 19" Merging Case Integrated System

The Luxor LCT-CL05 configuration is a complete turnkey system, which include:

- Merging Custom AV Case with Pre-configured and tested PC System including
- Pentium Core i5 3450 3.10 GHz or equivalent with 8 GB DDR3 Ram operationally optimized for multi-user access
- 1333 MHz FSB, 1 PCIe x16, 1 PCIe x4, 1 PCIe x1, 1 PCI
- Dual 120 GB SSD System Hard Disk in Raid 1 configuration
- DVD+/- R/RW Optical CD-DVD reader/writer unit
- On-board Dual graphics or equivalent
- 1000 Mbit/s Ethernet & Firewire Adapter, built-in
- Windows 2008 Server with 5 User licenses
- Fully installed and configured with any storage option

Luxor Media Server LCT-CL10 in 19" Merging Case Integrated System

The Luxor LCT-CL10 configuration is the same as the CL05 but with the following additional components:

- Dual 1000 Mbit/s Intel Pro PCIe Ethernet Adapter
- Windows 2008 Server with 10 User licenses instead of 5 (more user licenses in Packs of 5 may be ordered)

Price does not include data storage and network topology (switches, cabling, etc). Complete Networked solutions may be offered, including switches, redundant storage and backup systems entirely customized to user needs - ask for more information on custom configurations. All components are subject to upgrade and improvement.

Storage options

Internal storage for Luxor, Pyramix/VCube, HD capable from 5 TB to 10 TB

These internal/central storage options are composed of a high performance PCIe octal SATA Raid controller and 6 SATA disk arrays, configured in Raid 5.

Internal storage for VCube HD from 8 TB to 16 TB

These internal/central storage options are composed of 4 SATA disk arrays, configured in Raid 0.
Raid 0 may be required for maximum performance, particularly in VCube HD systems that are planned to be able to record/play uncompressed HD content.
Note: it is recommended to purchase at least one additional spare drive on any above storage.

External storage for Luxor, Pyramix/VCube, HD capable 16 TB, 32 TB

These external/central storage options are stand-alone 3U rack-mount 16 SATA disk arrays, which may be configured with various capacities. They offer mid-level NAS performance and can be used (and shared) for larger-sized mix of networked Pyramix and VCube SD systems. Price does not include central server and network topology (switches, cabling, etc).
They may also be offered as directly attached (SAS or Fiber Channel) external storage options for Luxor and VCube HD models.

Please consult Merging on current pricing for complete networked central storage/server solutions or other storage attachments such as Fiber channel.

Linear Hours/Minutes (H:M) of storage:					Storage size (in GB)							
Media Format	**Coding**	**Compression**	**MB/s**	**GB/h**	**146**	**430**	**870**	**1800**	**2000**	**3200**	**4000**	**6400**
					H:M	H:M	H:M	H:M	H:M	H:M	H:M	H:M
Stereo 48 kHz	16 bit	Uncompressed	0.19	0.7	211:13	622:06	1258:40	2604:10	2893:31	4629:37	5787:02	9259:15
16 tracks 96 kHz	24 bit	Uncompressed	4.61	16.6	08:48	25:55	52:26	108:30	120:33	192:54	241:07	385:48
16 tracks DSD	1 bit	Uncompressed	5.64	20.3	07:11	21:09	42:48	88:34	98:25	157:28	196:50	314:56
16 tracks DXD	24 bit	Uncompressed	16.93	61.0	02:23	07:03	14:16	29:31	32:48	52:29	65:36	104:58
SD	4.2.2.	DV	3.20	11.5	12:40	37:19	75:31	156:15	173:36	277:46	347:13	555:33
SD	4.2.2.	DVCPRO	6.25	22.5	06:29	19:06	38:40	80:00	88:53	142:13	177:46	284:26
SD PAL	4.2.2.	Uncompressed	27	97.2	01:30	04:25	08:57	18:31	20:34	32:55	41:09	65:50
HD 720p @24	4.2.2.	Uncompressed	44	158.4	00:55	02:42	05:29	11:21	12:37	20:12	25:15	40:24
HD 720p @60	4.2.2.	Uncompressed	111	399.6		01:04	02:10	04:30	05:00	08:00	10:00	16:00
HD 1080p @24	4.2.2.	Uncompressed	100	360.0		01:11	02:25	05:00	05:33	08:52	11:06	17:46
HD 1080i @50	4.2.2.	Uncompressed	104	374.4		01:08	02:19	04:48	05:20	08:32	10:41	17:05
HD 1080p @24	4.4.4.	Uncompressed	150	540.0		00:47	01:36	03:20	03:42	05:55	07:24	11:51
HD 1080p @50	4.2.2.	Uncompressed	208	748.8		00:34	01:09	02:24	02:40	04:16	05:20	08:32